

SCHEDULING NOTE

Title: **BRIEFING ON ADVANCED REACTORS AND NEW REACTOR TOPICS (Public)**

Purpose: To provide the Commission with an update on (1) NRC's efforts to modernize and risk-inform regulatory processes to effectively and efficiently license advanced reactors, (2) the NRC's efforts to complete the regulatory readiness activities under the Nuclear Energy Innovation and Modernization Act (3) Vogtle project activities, and (4) stakeholder perspectives on advanced reactor industry initiatives and NRC developmental activities, including potential policy and program challenges.

Scheduled: **February 6, 2020**
9:00 a.m.

Duration: Approx. 3 hours

Location: Commissioners' Conference Room, 1st fl. OWFN

Participants:

Presentation

Panel 1 – External Stakeholders

40 mins.*

Alice Caponiti, Deputy Assistant Secretary, Office of Nuclear Fleet and Advanced Reactor Development, U.S. Department of Energy

10 mins.*

Topic:

- DOE perspectives on advanced reactor development, including Development and application of technology-inclusive, risk-informed, and performance-based methodologies

Doug True, Chief Nuclear Officer and Senior Vice President, Nuclear Energy Institute

10 mins.*

Topic:

- Nuclear industry initiatives and priorities to support advanced reactor deployment including efforts on micro-reactors
- Status of NEI advanced reactor technology work groups (high temperature gas, fast reactors and molten salt reactors)

Amir Afzali, Policy and Licensing Director - Next Generation Reactors, Southern Company Services

10 mins.*

Topic:

- Licensing Modernization Project efforts to develop technology-inclusive, risk-informed, and performance-based guidance for licensing advanced reactors
- Insights and lessons-learned from pilot applications

Edwin Lyman , Director of Nuclear Power Safety, Union of Concerned Scientists	10 mins.*
<u>Topic:</u> <ul style="list-style-type: none"> • Stakeholder perspectives on advanced reactor regulatory and policy issues 	
Commission Q & A	40 mins.
Break	5 mins.
<u>Panel 2 - NRC Staff</u>	40 mins.*
Margaret Doane , Executive Director for Operations	
<u>Topic:</u> <ul style="list-style-type: none"> • Opening Remarks 	
Robert Taylor , Deputy Director for New Reactors, NRR	
<u>Topic:</u> <ul style="list-style-type: none"> • Vision and direction for regulatory reviews of advanced reactors, key opportunities and challenges, and coordination with federal agencies and external stakeholders 	
Mike King , Director, Vogtle Project Office, NRR	
<u>Topic:</u> <ul style="list-style-type: none"> • Vogtle project activities 	
John Segala , Branch Chief, Advanced Reactor Policy Branch, Division of Advanced Reactors and Non-Power Production and Utilization Facilities, NRR	
<u>Topic:</u> <ul style="list-style-type: none"> • Licensing Modernization Project <ul style="list-style-type: none"> ○ Endorsement of guidance for a technology-neutral, risk-informed, and performance-based approach to licensing, and activities to meet NEIMA requirements 	
Ben Beasley , Branch Chief, Advanced Reactor Licensing Branch, Division of Advanced Reactors and Non-Power Production and Utilization Facilities, NRR	
<u>Topic:</u> <ul style="list-style-type: none"> • Overview of readiness to review license applications, status of applications, and development of safety and environmental review regulatory guidance 	
Commission Q & A	40 mins.
Discussion – Wrap-up	5 mins.

* For presentation only and does not include time for Commission Q & A's